Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Tuesday 17 Dec 2024 until 23:59 on Wednesday 18 Dec 2024

Forecast Issued on Monday 16 Dec 2024 at 12:11

Confidence: Milder conditions on Tuesday but turning colder for a time from mid week, high confidence for strong winds for much of the forecast period. Winds easing towards the weekend.

Headline for Tuesday 17 Dec 2024: Cloudy with light rain developing, rain turning heavier in the afternoon and evening with strong southerly winds touching gale force later. Poor visibility on the fell tops for much of the day.

Mountain weather hazards on Tuesday 17 Dec 2024

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
Low Likelihood

Severe chill effect
Low Likelihood

Poor visibility
No Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Dull	Drizzle	Drizzle	Light rain	Light rain	Heavy Rain	Heavy Rain
Precipitation probability							
10%	20%	20%	20%	50%	60%	60%	60%

Forecast for Tuesday 17 Dec 2024

Weather: Mostly dry overnight but cloudy with some drizzle for western facing slopes. A cloudy day with winds gradually strengthening throughout the day. Intermittent light rain at times in the afternoon and heavier spells of rain possible later in the day. A few bright or sunny spells are possible in the sheltered east.

Chance of cloud-free hill tops above 800m: 40% in the morning improving to 60% with some eastern fell tops clearing.

Low cloud and visibility: Layers of cloud above 600m in the morning especially around western fells, poor visibility at times in drizzly rain. Cloud breaks possible early in the afternoon but still some scattered cloud above 600m in the afternoon. Visibility good at times outwith rain, with some views possible.

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Met Office Mountain Weather Forecast

Forecast for Tuesday 17 Dec 2024

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	29/36 SW	25/32 SW	28/35 SW	33/40 S	35/45 S	38/50 S	44/58 S	50/65 S	50/66 S
600	24/33 SW	22/29 SW	24/32 SW	26/36 S	31/43 S	32/45 S	34/49 S	37/53 S	40/57 S
300	11/26 SW	9/23 SW	10/24 SW	10/26 S	14/34 S	14/35 S	12/36 S	14/40 S	18/44 S
Valley	10/24 SW	10/22 SW	10/23 S	11/26 S	12/28 S	13/29 S	14/33 S	18/41 S	21/43 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	3/-3	4/-2	4/-3	3/-4	3/-5	4/-4	3/-4	3/-5	6/-1
600	5/-0	5/0	5/0	5/-1	5/-2	5/-1	4/-2	5/-2	7/1
300	7/4	7/4	7/4	6/3	7/3	7/3	6/3	7/3	8/5
Valley	9/6	9/7	9/6	9/6	9/6	9/6	9/6	9/6	11/7
Freezing Level*	1400m	1500m	1500m	1500m	1700m	2500m	2600m	2600m	2500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Freezing level above all summits, gales on the summits later on Tuesday.

Forecast for Wednesday 18 Dec 2024

Weather: Feeling colder, bright with some showers developing, sunny spells outwith showers. Strong southwesterly winds, gales on the summits early in the day. Heavy rainfall spreading east during the evening.

Maximum wind: Westerly 30 gust 40 mph

Chance of cloud-free hill tops above 800m: 80%, some lower cloud in showers.

Low cloud and visibility: Few or scattered low cloud above 700m on western fell tops, cloud thickening and lowering in heavier showers. Very good visibility out with showers falling moderate in heavier showers.

Temperature: **Valleys:** Plus 12 falling to 6 Celsius.
At 800m: Plus 7 falling to 1 Celsius.
Freezing level: Above summits, lowering to 1000m in the evening.

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Monday 16 December 2024. Location: Helvellyn summit at 11:30. Full report: Another relatively warm day for December but gale force winds and heavy showers on the fell tops. There is currently no snow or ice in the Lake District. Summit temperatures were well above freezing but the windchill or feels like temperature was below minus five degrees C. Full winter clothing including plenty of layers and a wind and waterproof shell plus hats and gloves are essential. Hypothermia is a very real risk in these conditions especially if you are unable to move for some reason. Other kit should include a headtorch, whistle, survival bag, mobile phone plus a couple of reliable and weatherproof means of navigation.Temperature: plus 4.2 C, Maximum wind speed 58.9 mph, Wind chill: minus 5.3 C, Average wind speed: 43.1 mph

Issued at: 1211 on Mon 16 Dec 2024

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